



123003

2273 U.S. PTO

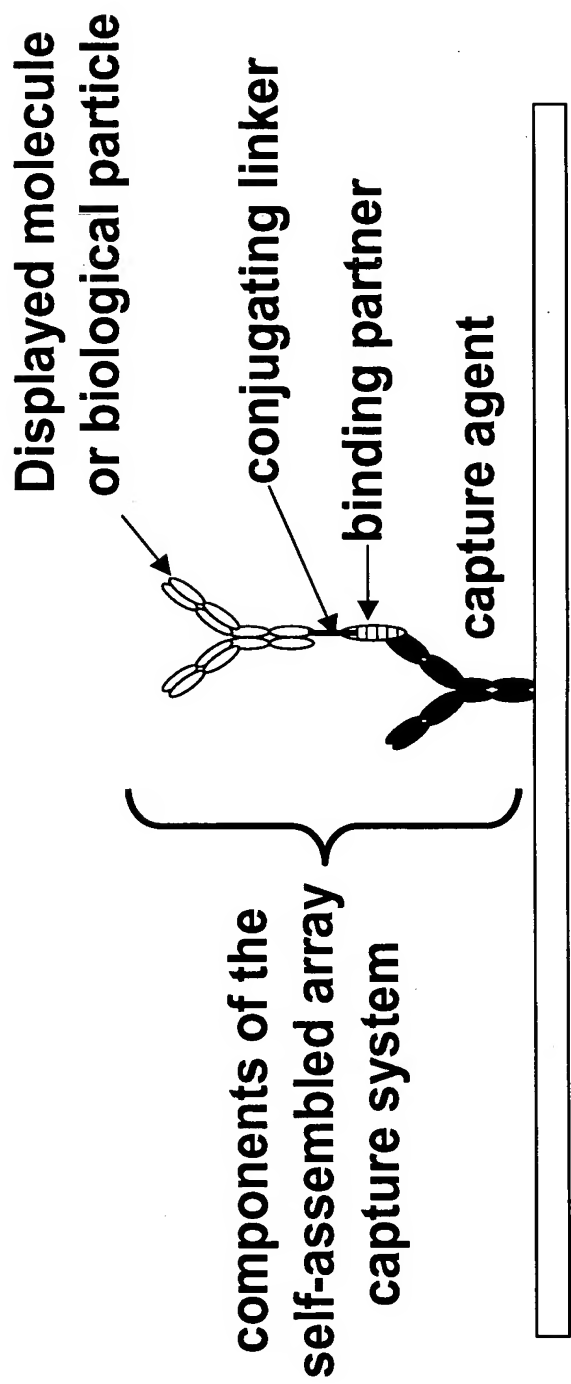


Fig. 1A

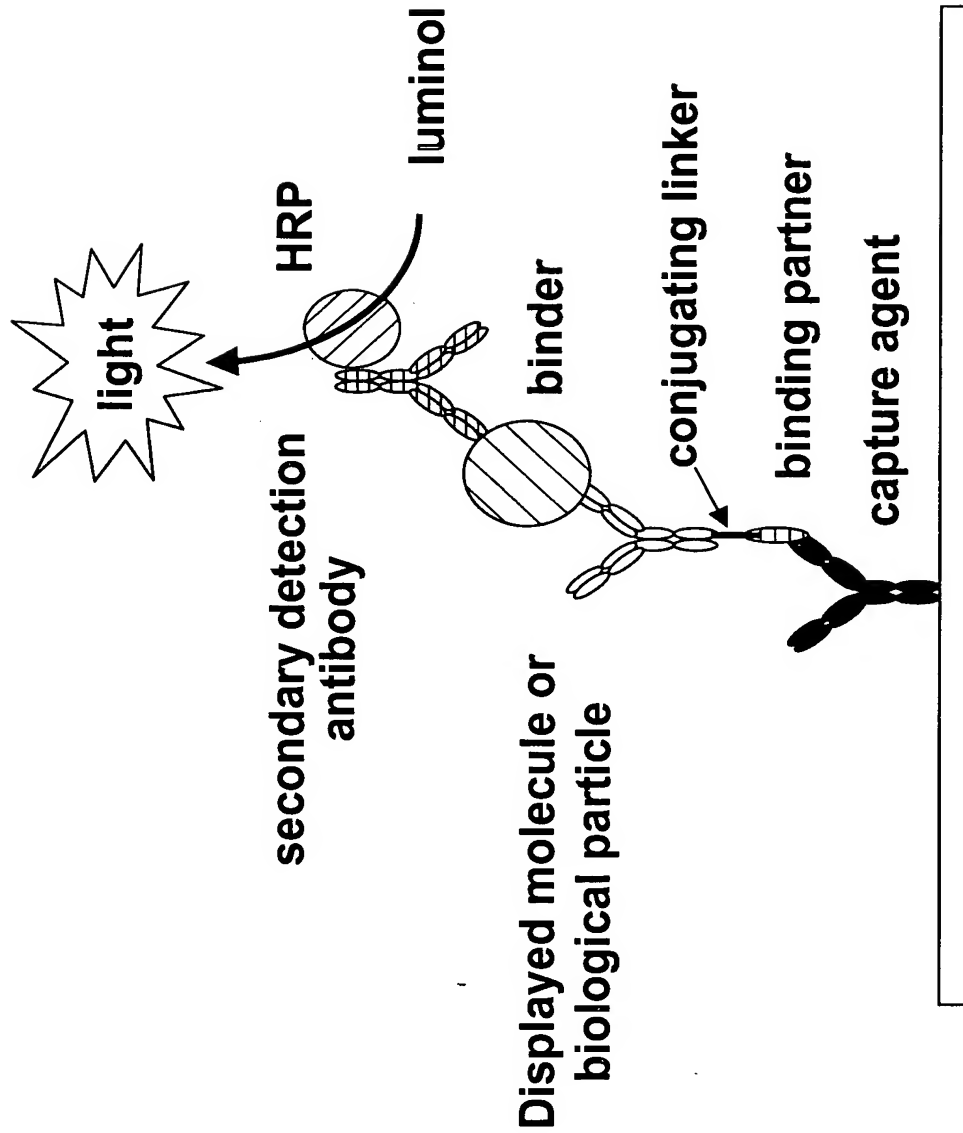

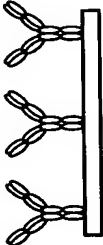
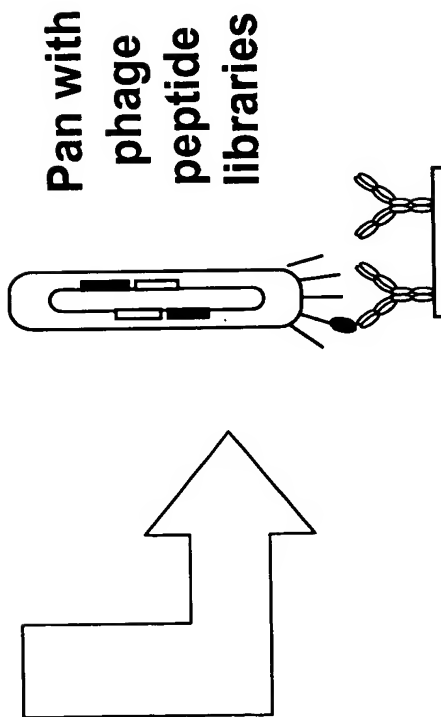


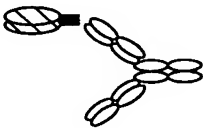
Fig. 1B

Start with  look for 

**Hybridomas from
non-immunized mice**

Purified IgG 



Needed 

**Synthesize and Screen
Identified Binding Partners
against Capture Agents to
test for Retention of Binding
Affinity and Specificity**

Fig. 2A

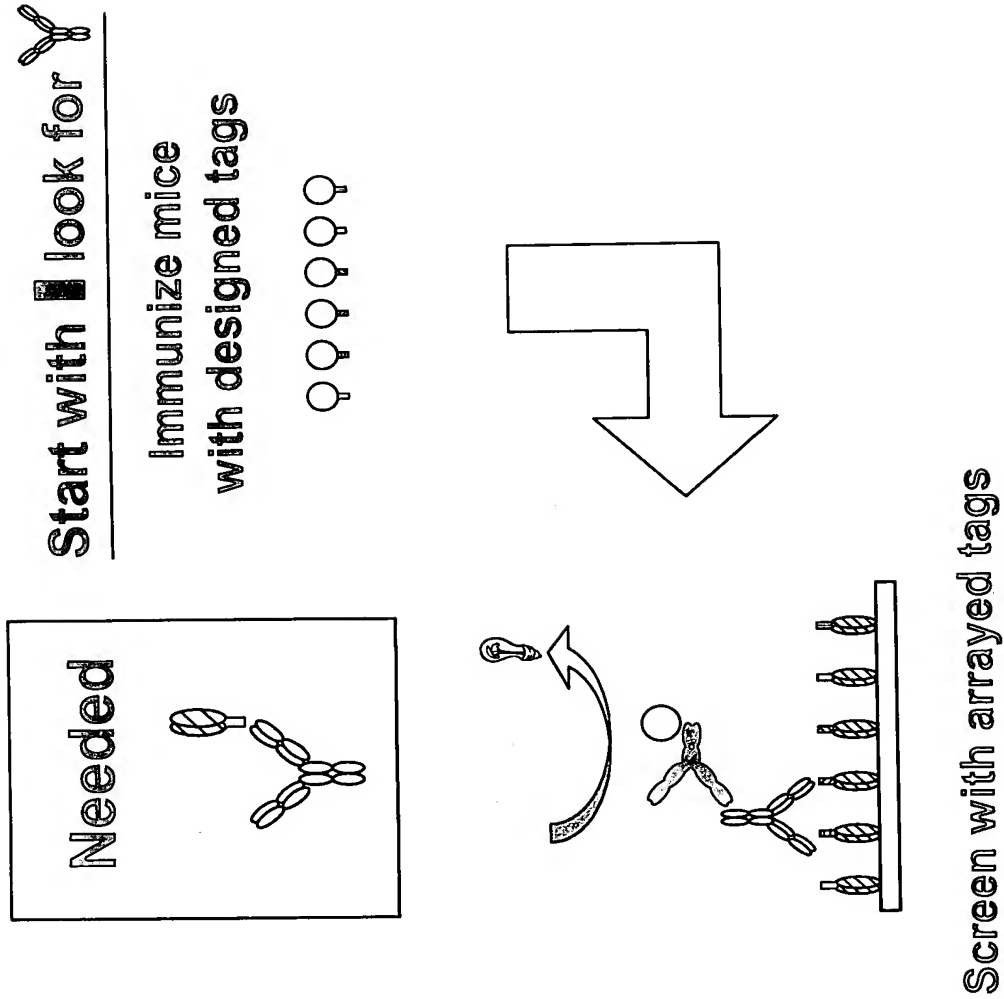


Fig. 2B

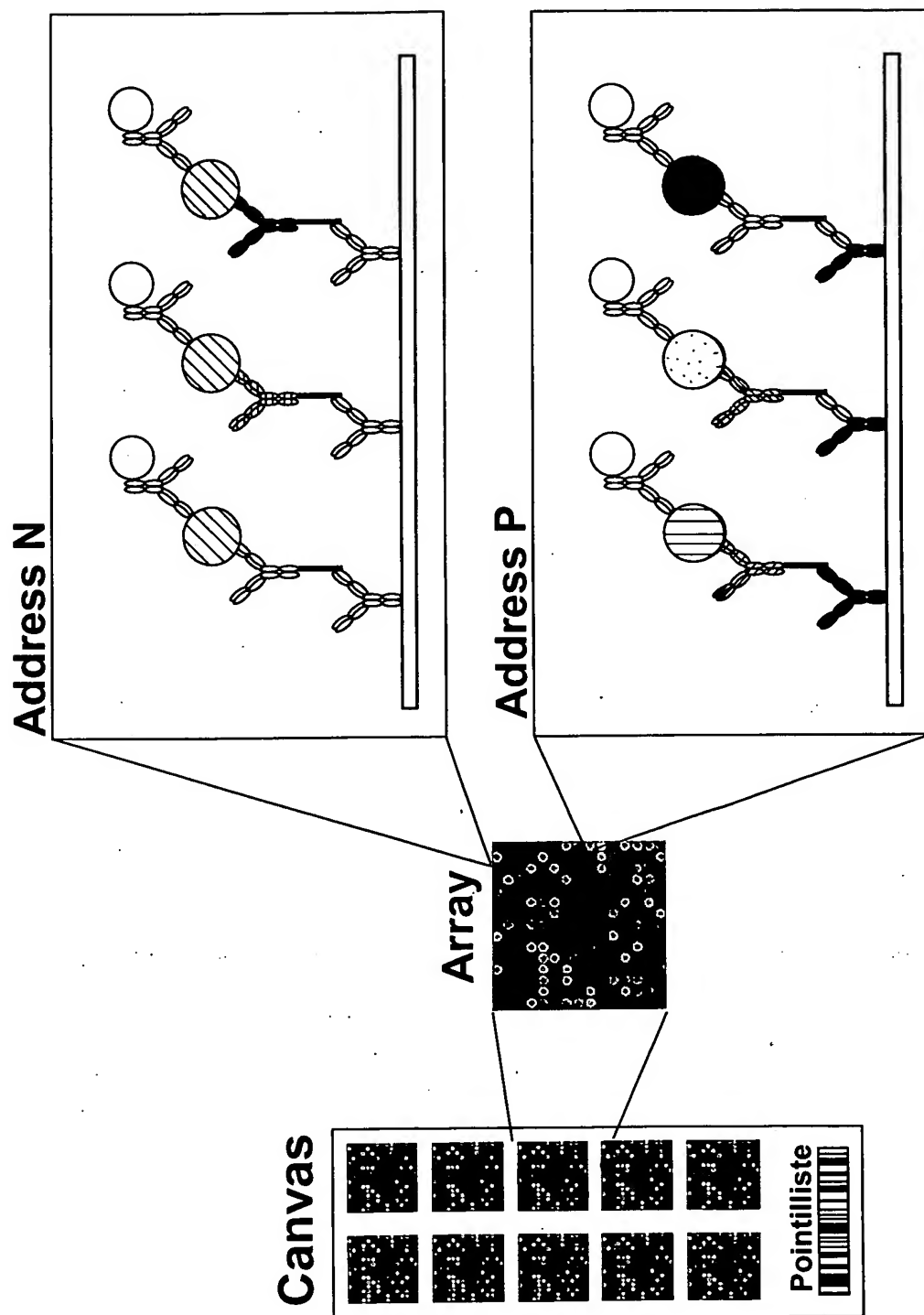


Fig. 3

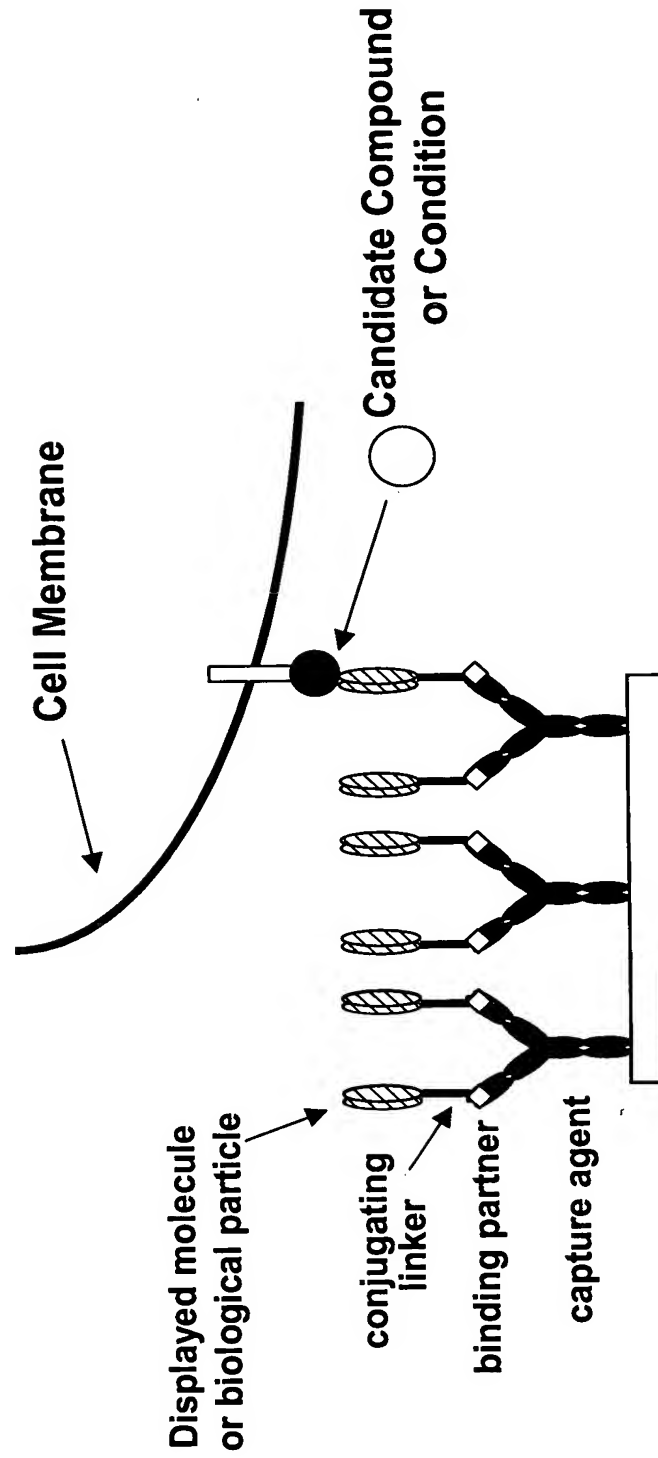


Fig. 4A

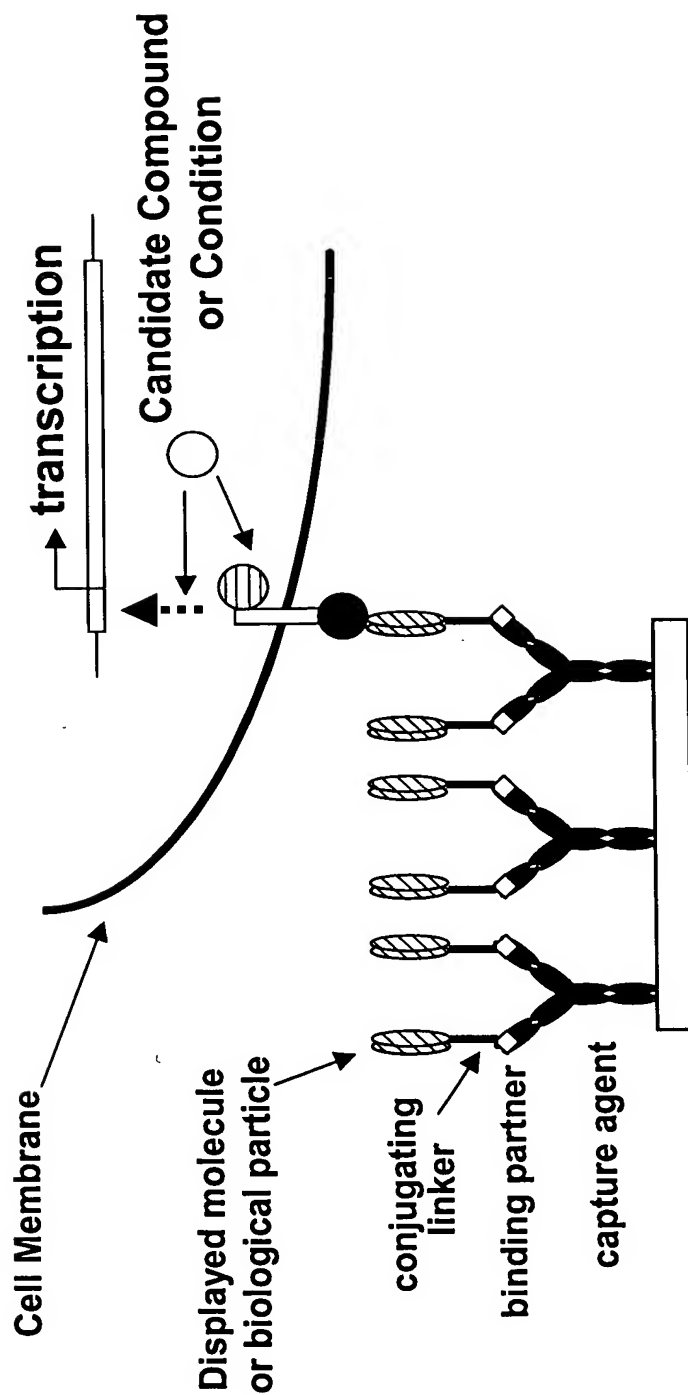


Fig. 4B

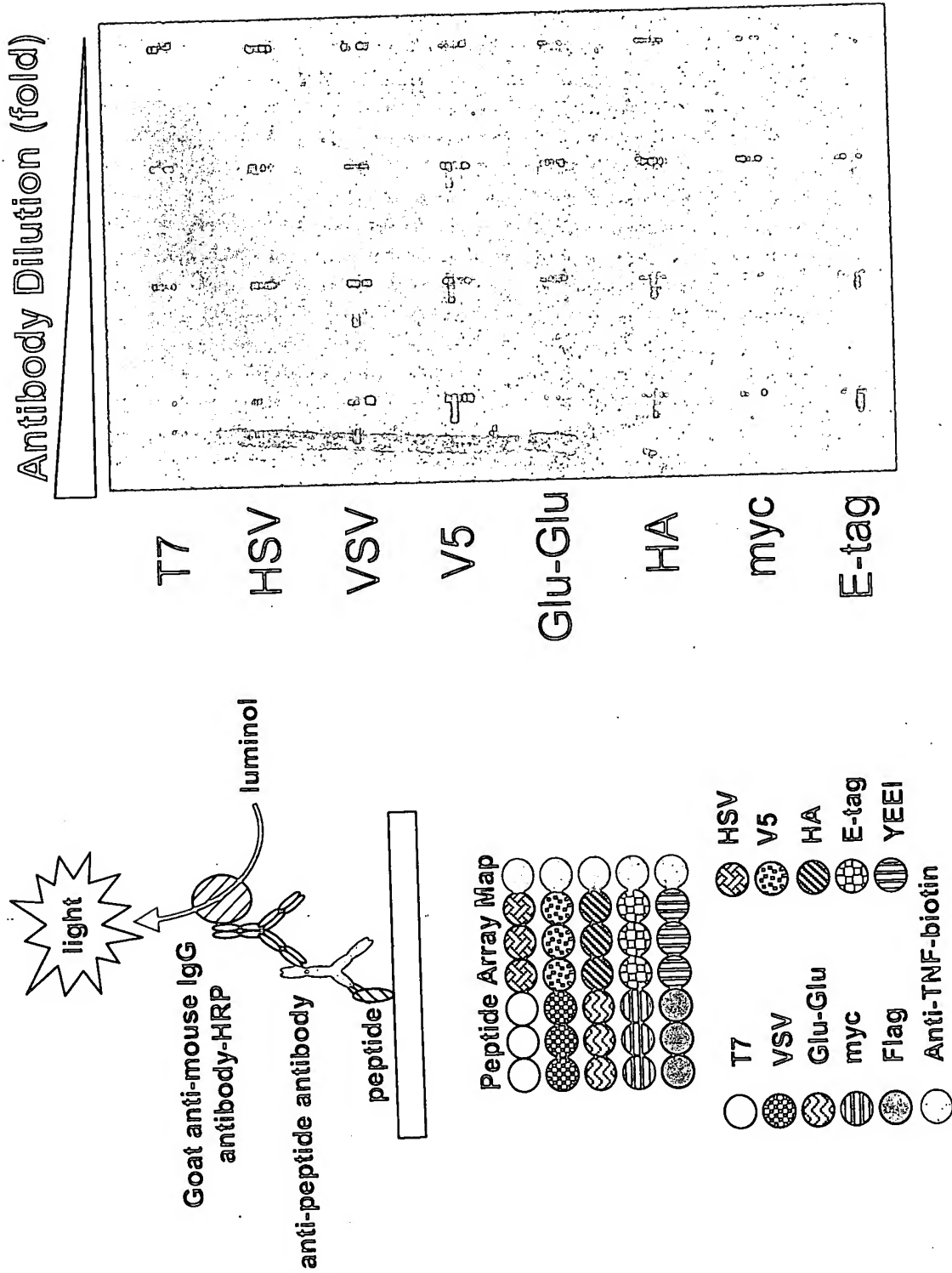
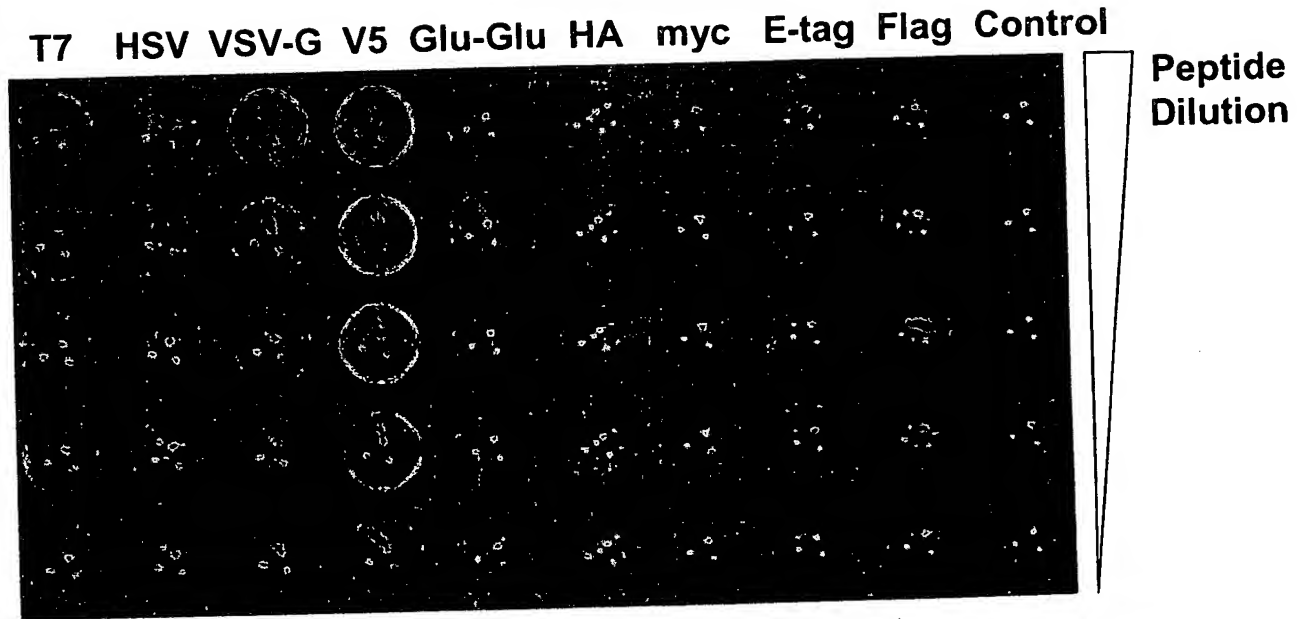


Fig. 5



Antibody Array Map

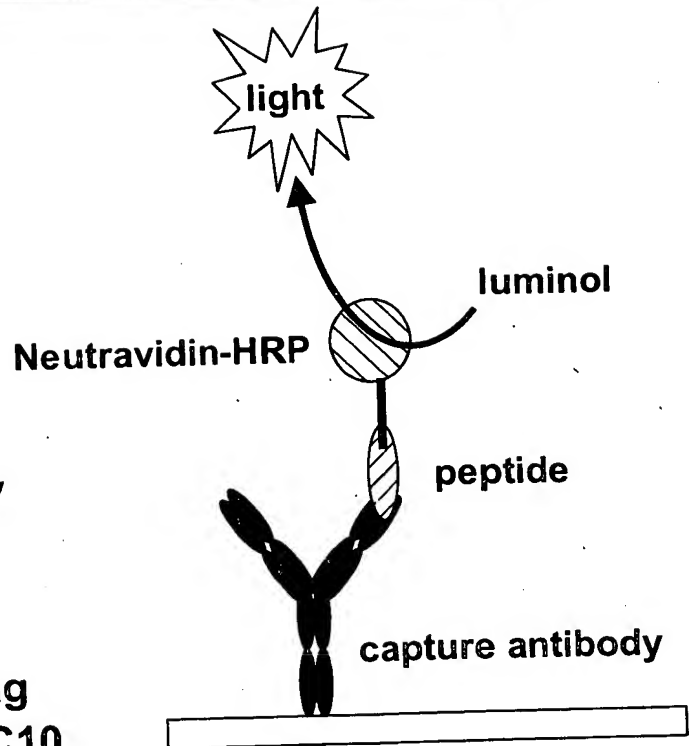
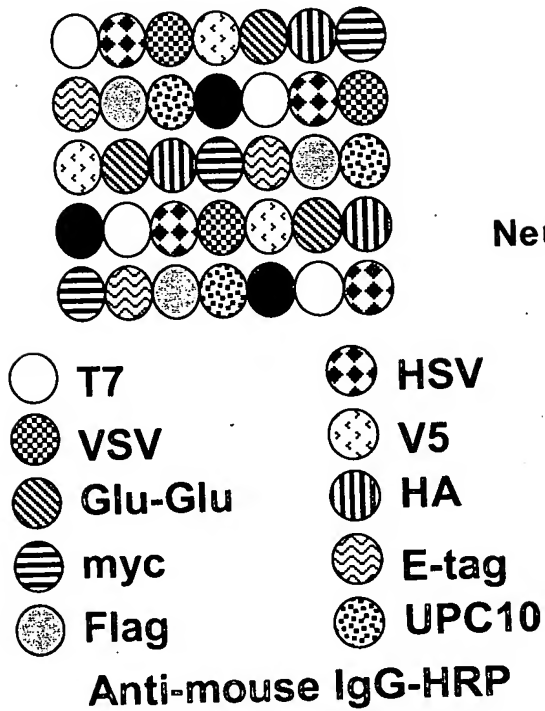
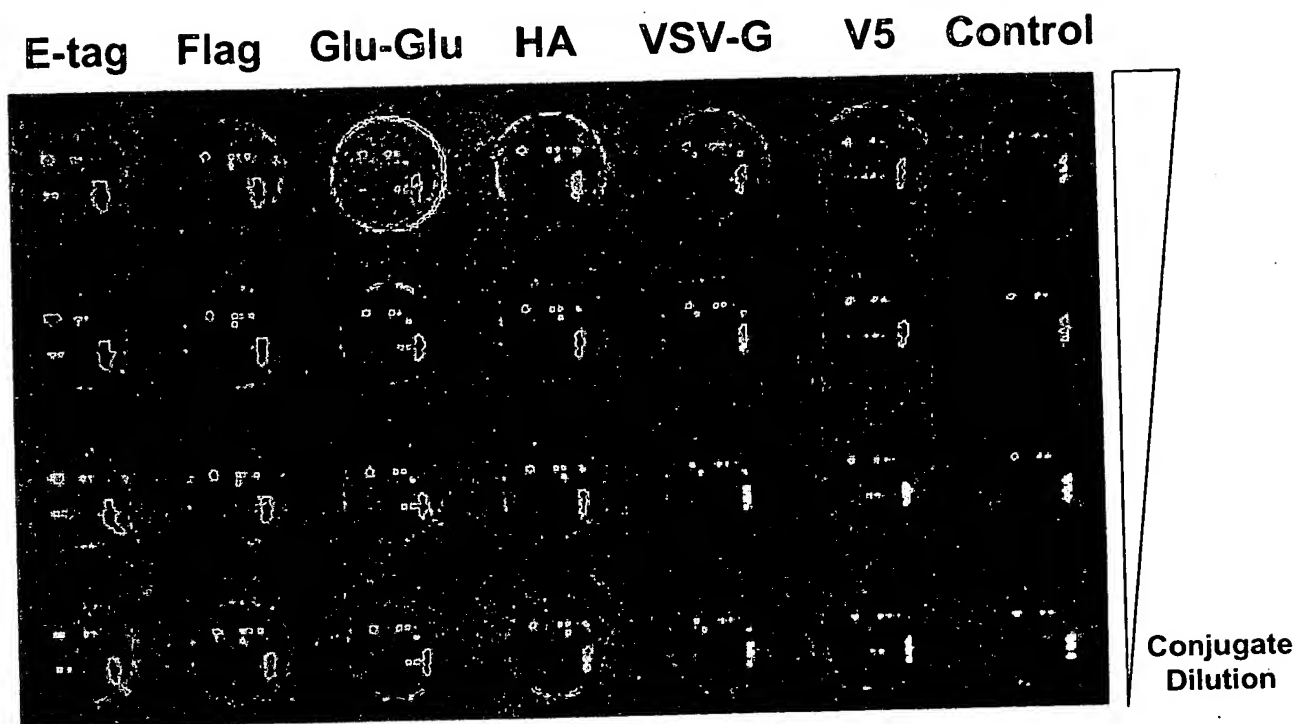


Fig. 6



Antibody Array Map

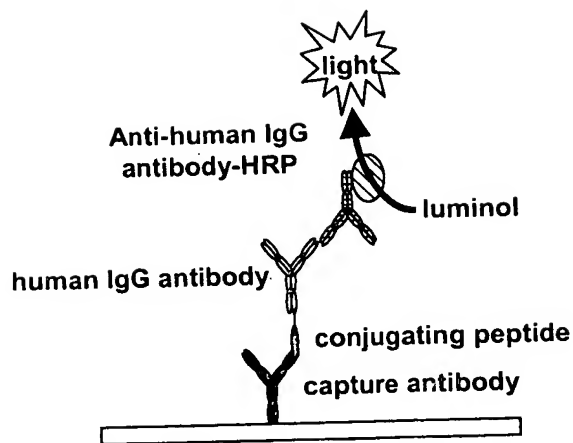
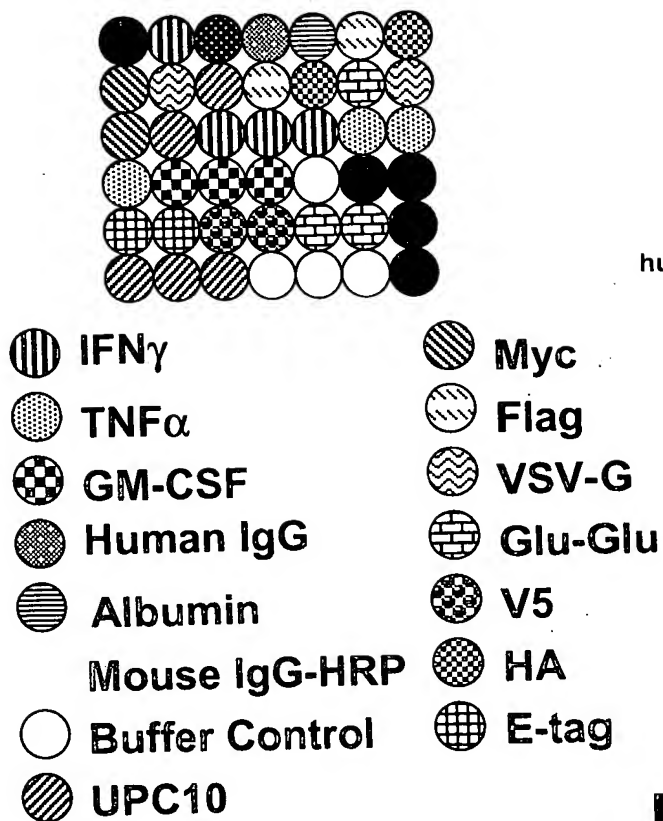


Fig. 7

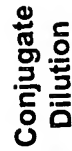
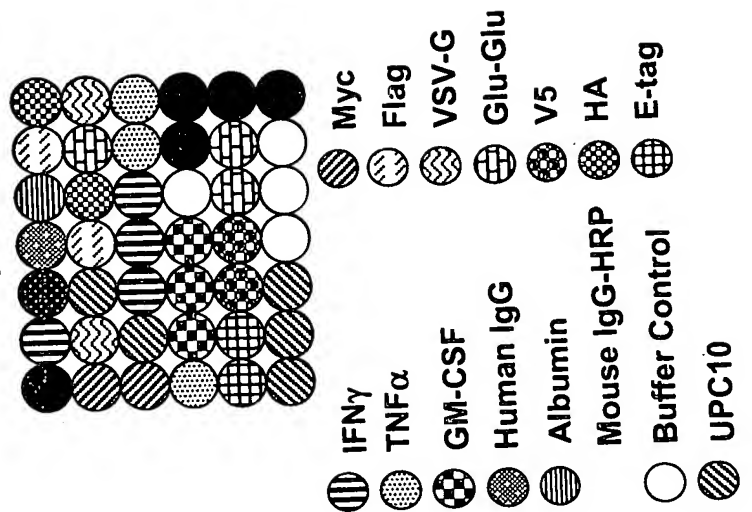


Fig. 8



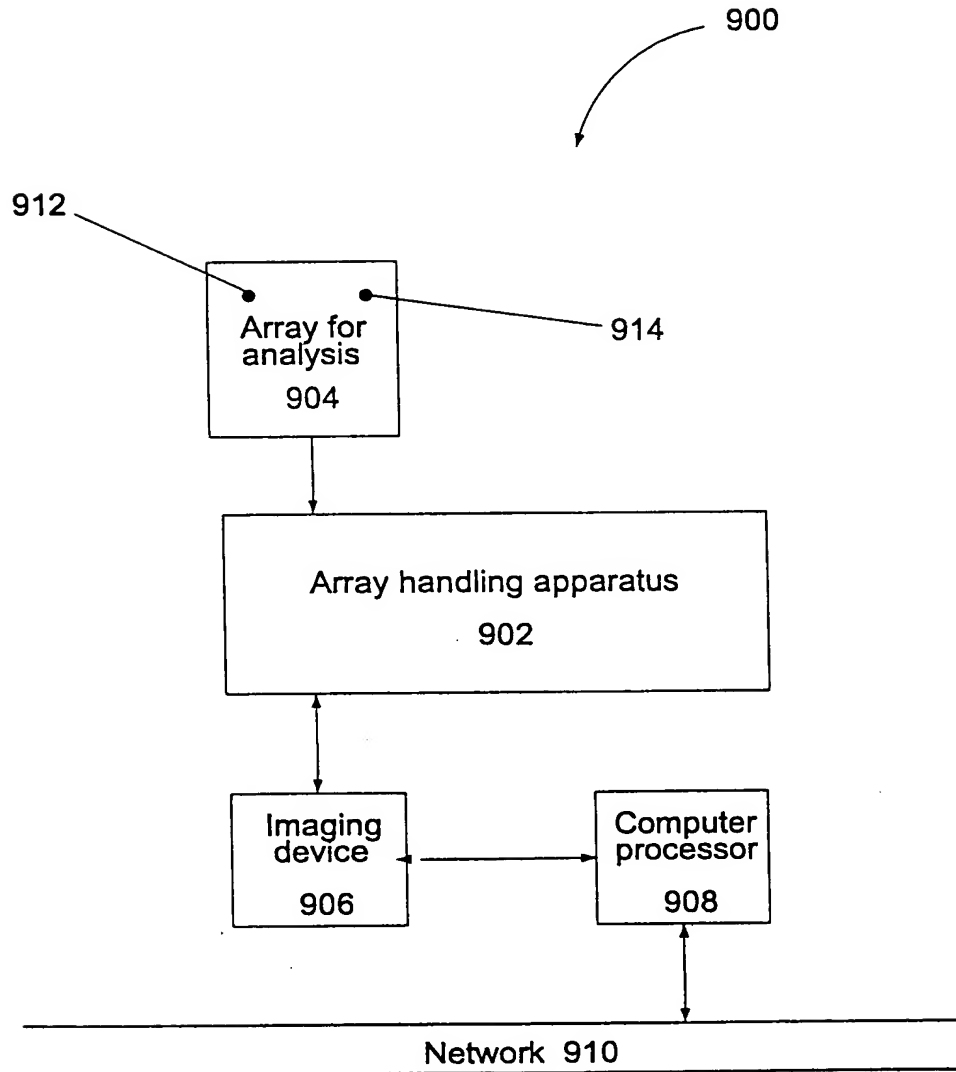


Fig. 9

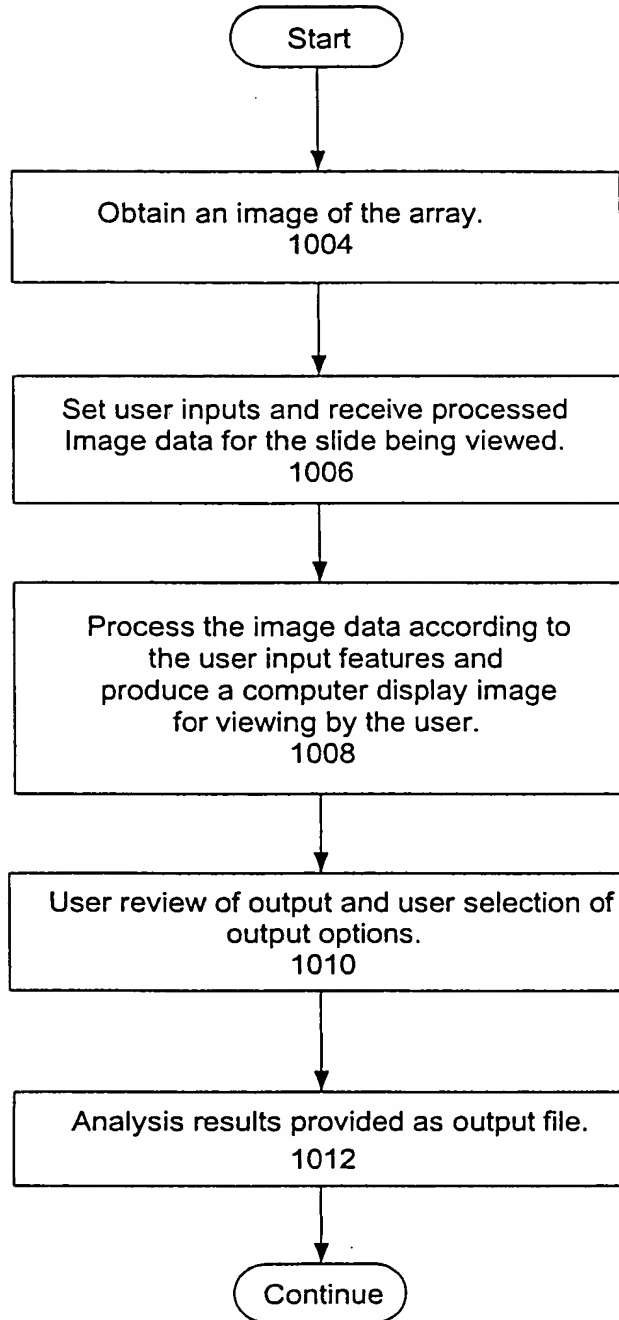


Fig. 10

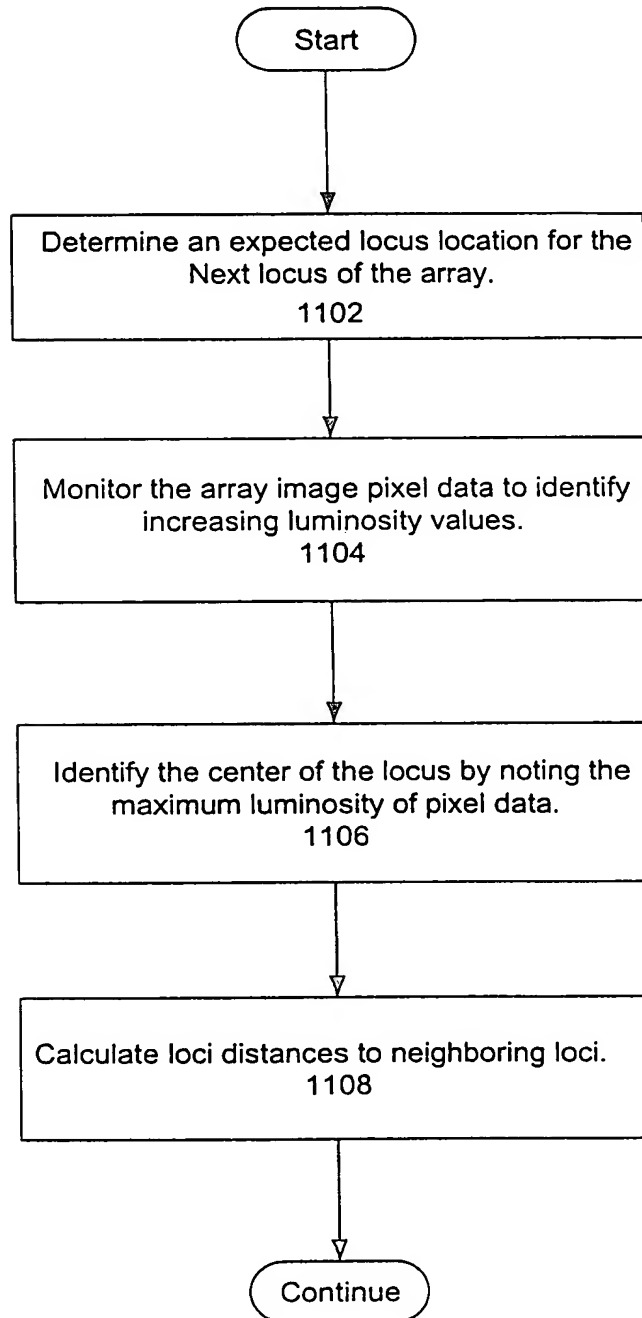
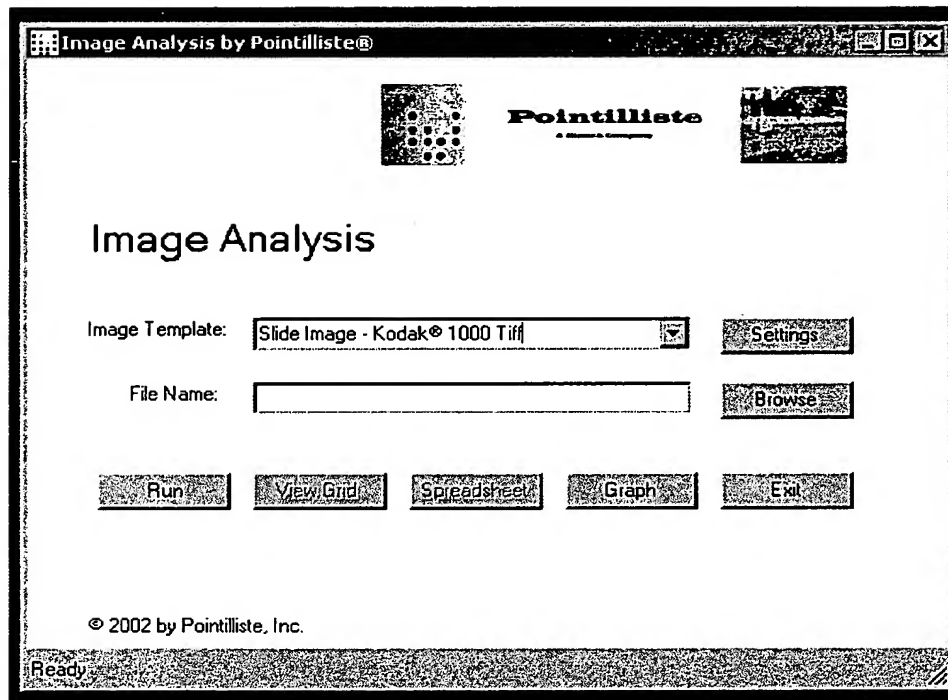


Fig. 11



1202

Fig. 12

Settings

Plate Settings | **Array Settings**

Positive Control Search

Positive Control Min Intensity - 3x3 avg (1: 65535):

Top Left Positive Control (pixels)

Pos Cntrl Search	X	<input type="text" value="345"/>	Pos Cntrl Search	X	<input type="text" value="395"/>
Upper Left Bounds	Y	<input type="text" value="140"/>	Lower Right Bounds	Y	<input type="text" value="205"/>

Top Right Positive Control (pixels)

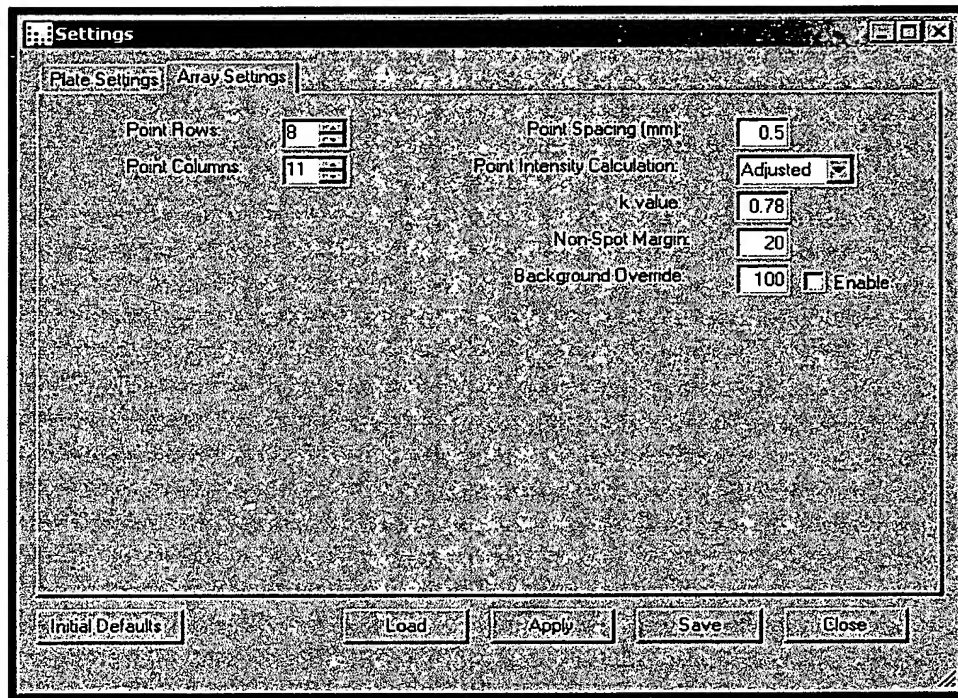
Pos Cntrl Search	X	<input type="text" value="510"/>	Pos Cntrl Search	X	<input type="text" value="560"/>
Upper Left Bounds	Y	<input type="text" value="140"/>	Lower Right Bounds	Y	<input type="text" value="205"/>

Array Count / Spacing

Array Rows	<input type="text" value="5"/>	Array x-axis Spacing (mm)	<input type="text" value="10"/>
Array Columns	<input type="text" value="2"/>	Array y-axis Spacing (mm)	<input type="text" value="9"/>

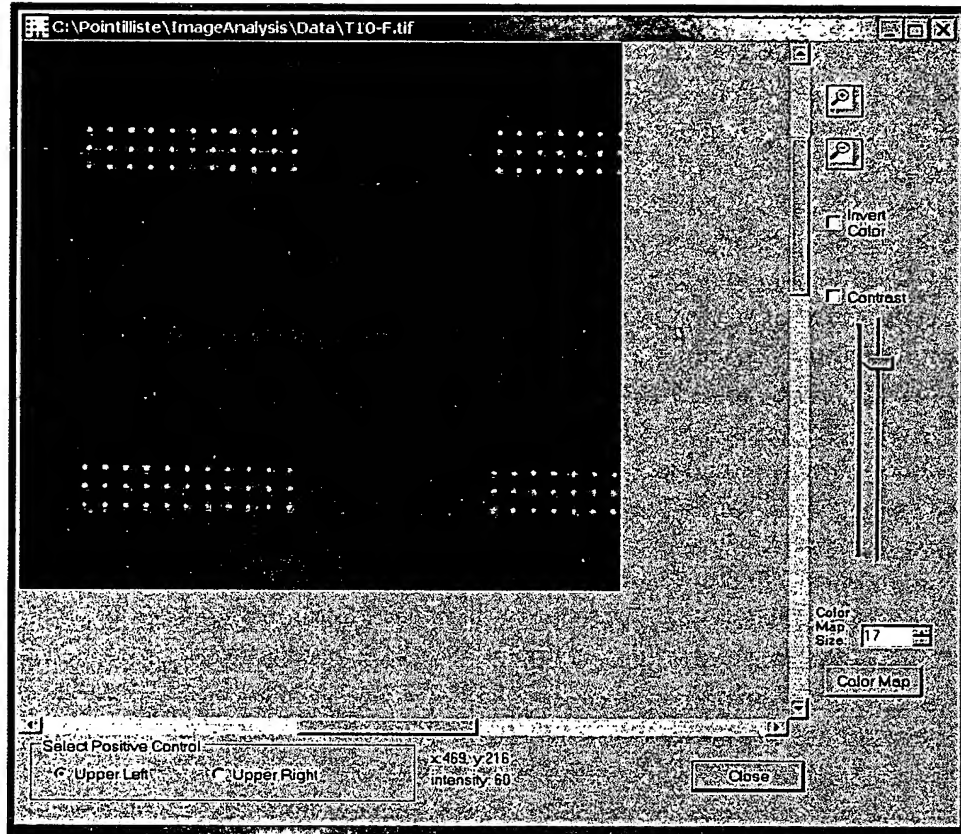
1302

Fig. 13



1402

Fig. 14



1502

Fig. 15

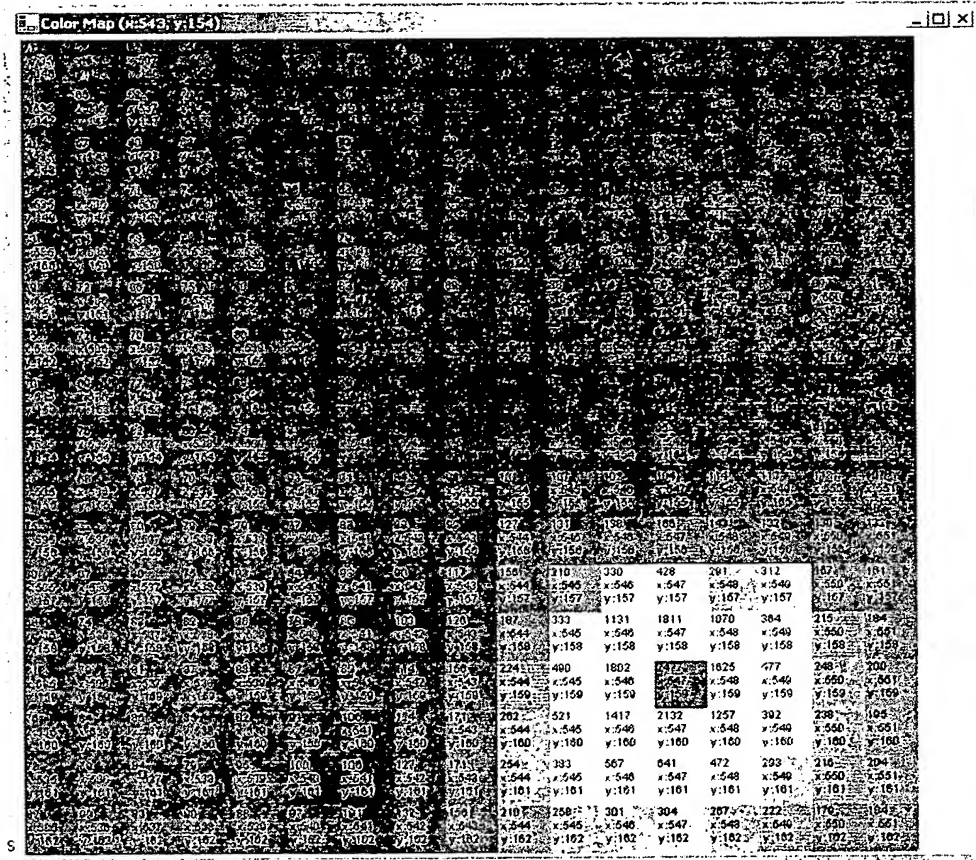
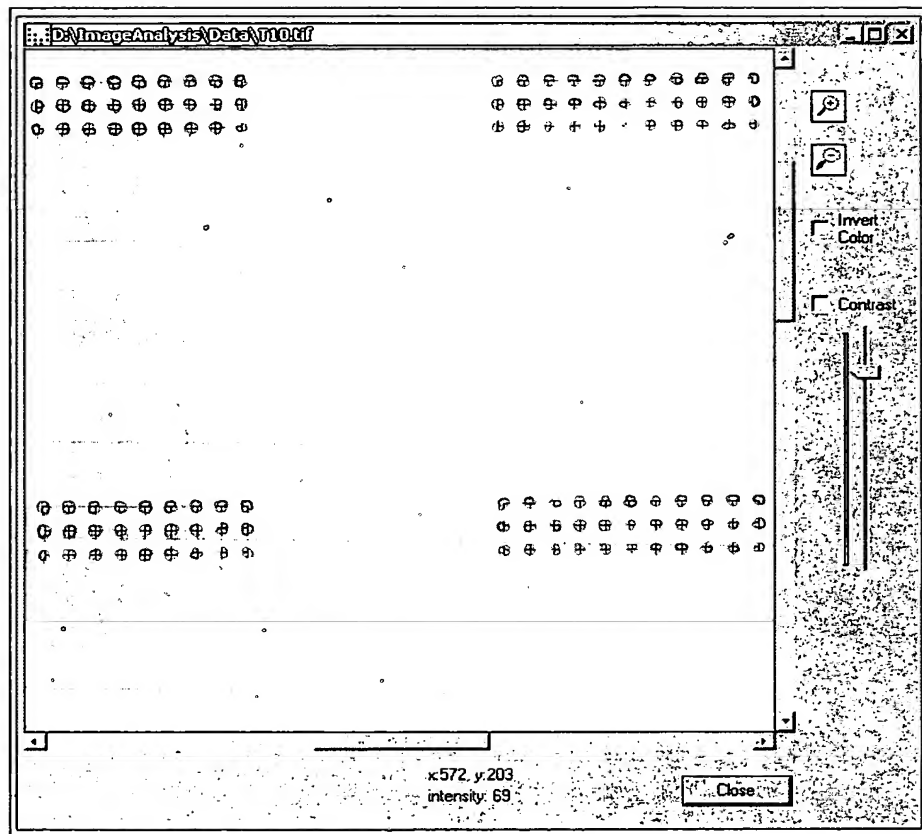
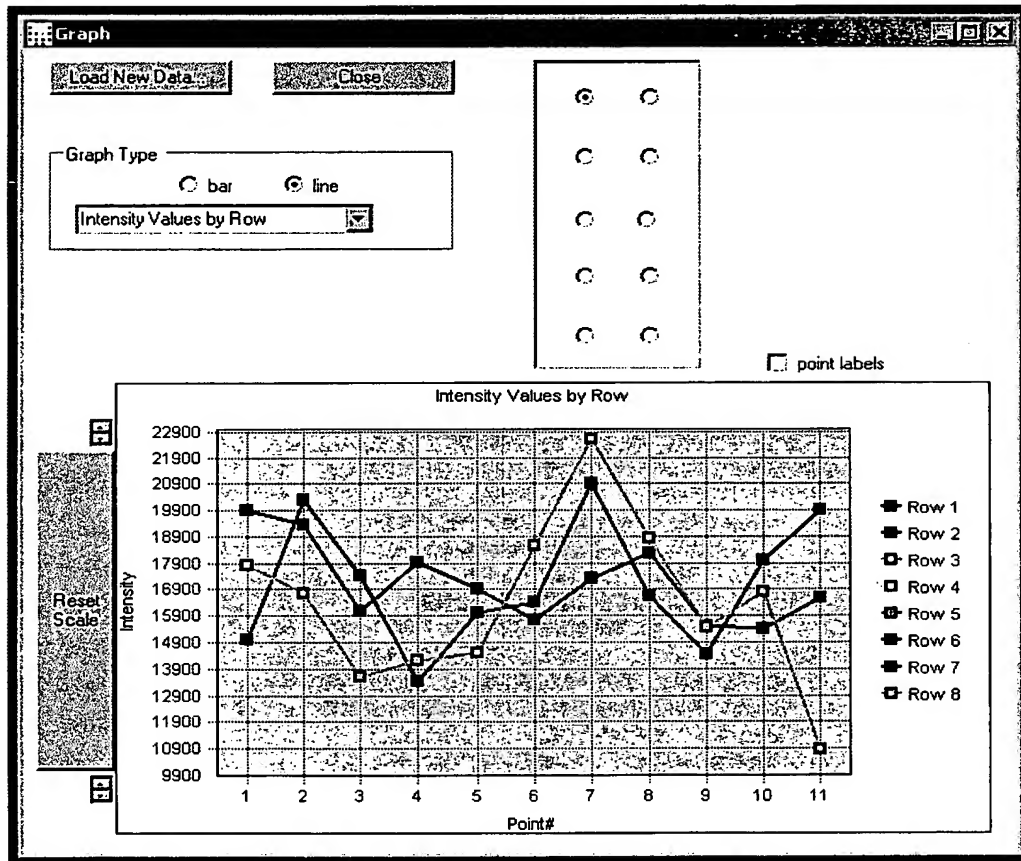


Fig. 16



1702

Fig. 17



1802

Fig. 18

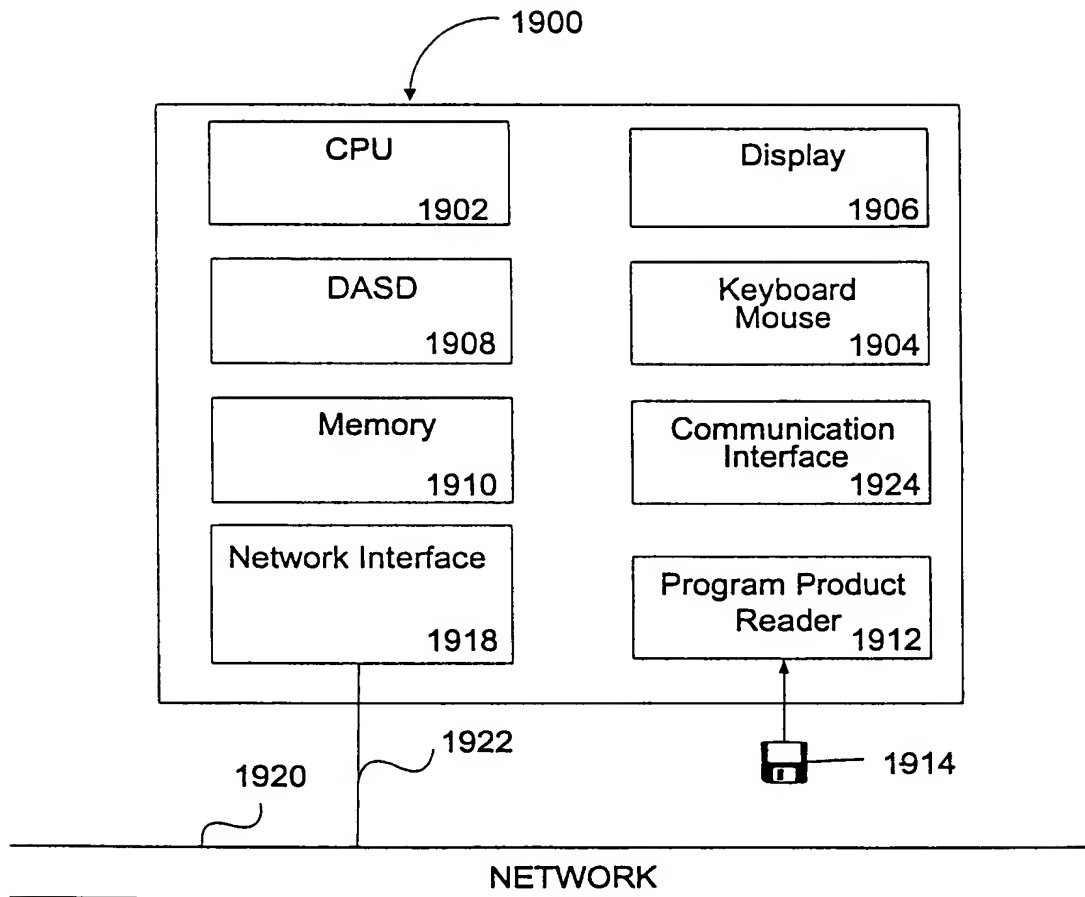


Fig. 19

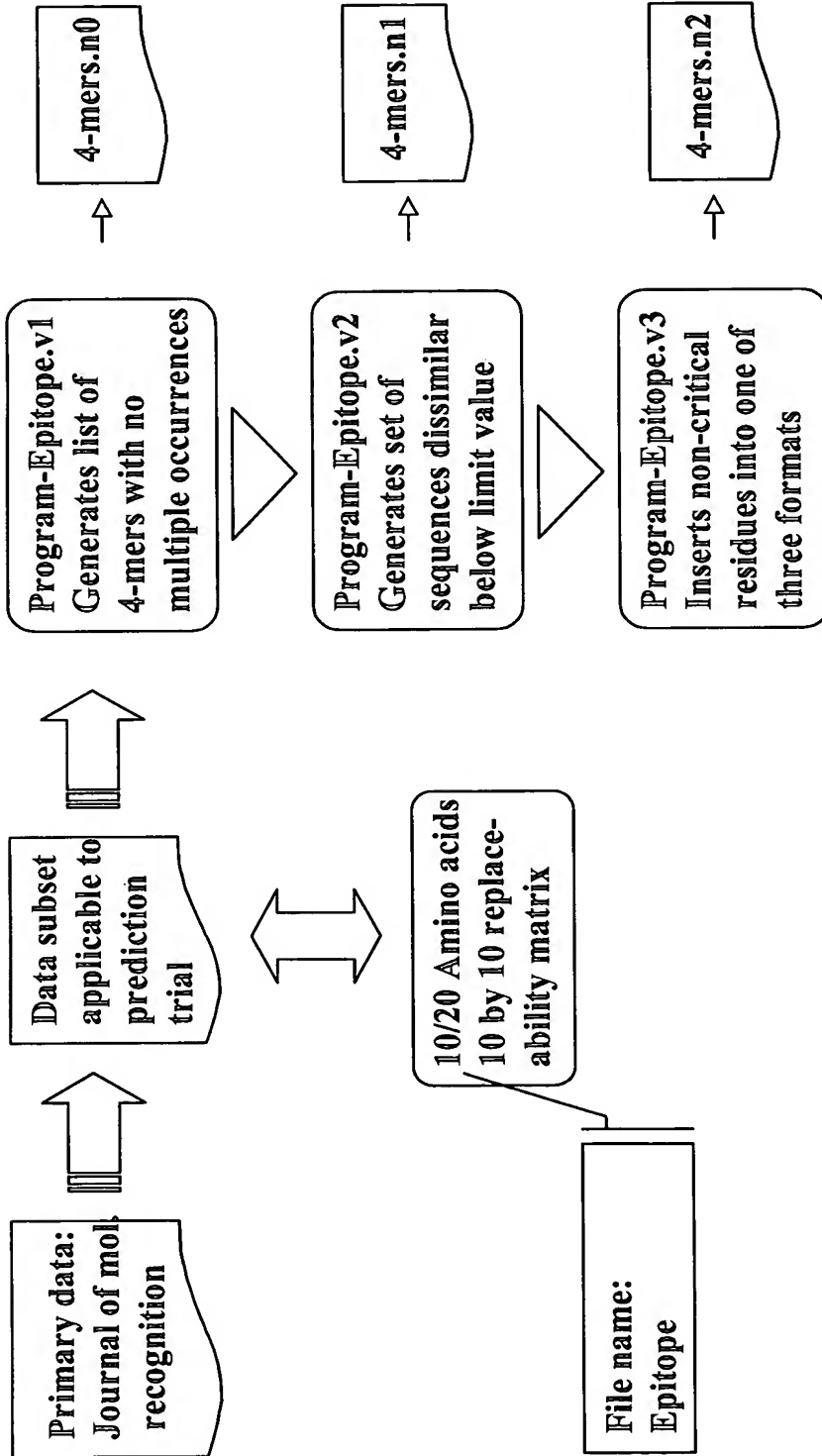


Fig. 20